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WHAT'S HAPPENING

New Look for MIOsha Website

MIOsha's website has a brand new look aimed at increasing accessibility through a more user friendly design. Check out the new site at www.michigan.gov/miosha. The redesign comes from a standard template for all state agencies including LARA's new home page at www.michigan.gov/lara and all bureaus within LARA, including MIOsha.

The new portal directs consumers and business customers to important resources and draws on the common resources LARA's diverse regulatory areas provide, including license searches, verifying a license, how to file complaints and news releases. LARA also highlights a number of services with high web traffic and call volumes. News items are given more prominence and all of LARA's social media pages are available in one spot.

In fiscal year 2018, MIOsha had 1,020,422 visits to its website which is comprised of 1,836 webpages. LARA has 15,000+ webpages and links under the department's oversight and receive more than 16 million unique page views every year.

Tell us what you think about the new website! Feel free to provide your feedback by contacting mediainfo@michigan.gov.


International Robot Safety Conference


Science fiction or not? A 1966 movie titled *Fantastic Voyage* was about a submarine and crew reduced to microscopic size and injected into the blood stream of a human. In 2018, Nanorobotics is an emerging technology and they will one day swim through human blood streams to treat medical conditions. Self-driving cars are here now, drone taxis are soon to follow, and it is predicted robots will be as common in households as computers are now.

Today robots are flying off the shelf and industry is using them in the workplace in ways that are only limited by our imagination. The International Robot Safety Conference, hosted by the Robotic Industry Association (RIA), is one way to stay abreast of new and existing technology. This year's conference was held at the Renaissance Center, Detroit Marriott, October 9-11. MIOsha attendees were Rick Pfander Jr, General Industry Safety Supervisor, Eric Zaban, CET Onsite Industrial Hygienist, and Don Trefry, CET Onsite Safety Supervisor. The conference offered sessions and workshops that examine key issues in robot safety and an overview of current industry standards.

It's interesting to note that there are at least 23 industry standards governing the design, manufacture, integration, and operation of robots ranging from ANSI/RIA, ISO, European, NFPA, UL, and a host of others. These standards are comprehensive and do a great job of providing

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guidance to all aspects of the robotics industry but are not by themselves enforceable. Since OSHA/MIOsha does not have a vertical standard that covers the safe use and operation of robots, we can use these standards to show that the industry was aware of the hazards and an employer should have known and taken precautions to prevent a robot from causing or likely to cause injury.

Technology is changing the complexity of the safety inspector's job. It's no longer as easy as seeing that a guard is not in place or a machine is not locked out. Safety is being engineered into the design and manufacture of robots and other industrial machinery. Terminology such as control reliability, functional safety, and fail safe relates to the safety rated machine controls that are not readily visible yet provide for the safe operation, maintenance and setup by reducing or eliminating hazards.

The two key elements we are looking at to develop criteria for Safety Officers and Consultants are:

1. Integration – the process of merging an industrial robot, peripherals, and manufacturing machinery into a production system that functions as a single unit and goes hand in hand with the Risk Analysis.
2. The Risk Analysis – a comprehensive examination of all tasks performed by operators, maintenance, and servicing personnel to provide safeguarding selection and implementation.

Integration and Risk Analysis are necessary requirements to ensure the health and safety of workers.

Coffee with MIOsha Events Scheduled

Coffee with MIOsha in Marquette on December 21, 2018

MIOsha and the Upper Peninsula Construction Council have teamed up to provide an informational update on workplace safety and health standards for Michigan workers, new reporting rules, goals and emphasis areas, and best practices. Lawrence Hidalgo, Director of MIOsha's Construction Safety and Health Division will be the featured speaker. This event is open to all Michigan employers and employees and is offered at no charge. Coffee and networking start at 9:00 a.m. where there will be an opportunity to informally meet with MIOsha staff.

DATE: Friday, December 21, 2018

TIME: 9:00 a.m. to 12:00 p.m.

LOCATION: Staybridge Hotel, 855 West Washington Street, Marquette, MI 49855

COST: FREE

RSVP: RSVP to [Tony Retaskie](#) by December 11, 2018

Walk-ins are welcome!

Coffee with MIOsha in Rockford on January 16, 2019

MIOsha and the West Michigan Chapter of the American Society of Safety Professionals (WMASSP) invite all West Michigan employers and employees to share a cup of coffee and learn about the importance of workplace safety and health of Michigan workers. MIOsha Consultation Education and Training Director Nella Davis-Ray will be the presenter. After the presentation, you will have the opportunity to talk with MIOsha representatives one-on-one and ask any questions you have. "Coffee with MIOsha" offers an informal opportunity for employers, workers and company leaders to meet with MIOsha representatives (consultative and enforcement) to ask questions, obtain information on program services and resources, learn about MIOsha Training Institute (MTI) opportunities, and establish rapport. You do not need to be a WMASSP member to attend.

DATE: Wednesday, January 16, 2019

TIME: 9:00 a.m. to 11:00 a.m.

LOCATION: Kent Power, 7800 Childsdales NE, Rockford, MI 49341

COST: Free; Sponsored by Kent Power

RSVP: <https://www.eventbrite.com/e/coffee-with-miosha-tickets-50752235302>



MIOSHA partners with organizations throughout the state to offer “Coffee with MIOSHA” periodically throughout the year at various venues and is offered at no charge to employers or workers. Check MIOSHA’s website for upcoming events. Also available at no cost to employers, is MIOSHA’s [Consultation Education and Training](#) (CET) Division services. CET consultants are available to help employers develop and implement long-term safety and health programs and comply with current MIOSHA regulations. For free statewide assistance, companies can call the CET Division at 517-284-7720, toll-free at 800-866-4674, or visit the website at www.michigan.gov/miosha.

Excavation and Trenching National Emphasis Program

Excavation and trenching continue to be some of the most dangerous construction activities. There have been five excavation fatalities in Michigan between 2013 and 2017. For each fatal incident, there are dozens of excavation accidents resulting in serious injuries. MIOSHA is adopting the National Emphasis Program on excavation and trenching operations to help prevent future incidents. For resources that have been developed to assist employers and employees in protecting their workers from common hazards associated with excavation and trenching, visit our [webpage](#).



Michigan Worker Deaths of 2018

The 32nd, 33rd, and 34th reported Michigan worker deaths of 2018 occurred on October 14, October 22, and November 30. The information below shares **preliminary details** about the most recent fatalities reported to the Michigan Occupational Safety and Health Administration (MIOSHA) which is believed to be covered by the MIOSH Act. The description reflects information provided to MIOSHA at the initial report of the incident and is not the result of the official MIOSHA investigation.

Preliminary summary of incident #32: On October 11th, at approximately 1:00 p.m., a 60-year-old carpenter was removing a ceiling in a cold storage area and fell from an eight-foot stepladder, striking his head on a concrete floor. The carpenter was hospitalized and later succumbed to his injuries on October 14, 2018.

Preliminary summary of incident #33: On August 21, 2018, a 62-year-old heat treating equipment operator told a coworker that he had injured his leg when a part fell on it. He called off work for the next several days. On August 29th, the company was notified that he had been hospitalized for an infection due to the scratch/cut on his leg. On October 22nd, the company was notified that the employee had passed away due to complications associated with the infection.

Preliminary summary of incident #34: On November 30th, a 35-year-old veterinarian was found buried under a pile of silage at a dairy farm. The silage was outdoors on the ground. A farmhand and another employee pulled the veterinarian from the silage, started CPR, and called EMS. He was later pronounced dead by the county medical examiner's office at the hospital. It is believed that the silage collapsed onto the veterinarian while he was perhaps taking a sample of the silage for analysis. The farmhand who found him was moving silage with a front-end loader from the silage pile to a mechanical spreader that filled the feeding bins. According to the farmhand, the location of the veterinarian's body indicated that he had been near the sheer face of the silage pile that was being removed by the front-end loader. There were no witnesses to the actual collapse of the pile onto the veterinarian.

There were 39 MIOSHA-related deaths in 2017. 2009 saw the lowest number with 24. Every life is precious. Our mutual goal must be that every employee goes home at the end of their shift every day!



If you need help or assistance in ensuring your workplace is safe, MIOsha is here with resources to help. The CET Division provides workplace safety and health training and consultations to employers and employees throughout Michigan, **free of charge**. Contact CET today at 800-866-4674 or submit a request [online](#).

VARIANCES

Variances from MIOsha standards must be made available to the public in accordance with Part 12, Variances (R408.22201 to 408.22251). MIOsha variances are published on the MIOsha [website](#).

QUICK LINKS

[Agency/Division Instructions/Memorandums](#)
[Air Contaminants Initiative](#)
[Asbestos Program](#)
[Ask MIOsha](#)
[CET Request for Consultative Assistance Services \(RCA\)](#)
[CET Training Calendar](#)
[Consultation Education and Training \(CET\) Grants](#)
[Construction Safety and Health Division \(CSHD\)](#)
[DVD/Video Library Service](#)
[Employee Safety, Health, and Discrimination Complaint Forms](#)
[Fall Prevention Campaign \(STOP FALLS. SAVE LIVES.\)](#)
[General Industry Safety and Health Division \(GISHD\)](#)
[Hazard Communication/GHS](#)
[Laboratory and Equipment Services](#)
[Michigan Alliances](#)
[Michigan Safety and Health Achievement Recognition Program \(MSHARP\)](#)
[Michigan Voluntary Protection Program \(MVPP\)](#)
[MIOsha FOIA Request](#)
[MIOsha News](#)
[MIOsha Publications](#)
[MIOsha Recordkeeping](#)
[MIOsha Standards](#)
[MIOsha Training Institute \(MTI\)](#)
[MIOsha Updates](#)
[MIOsha Variances](#)
[Policies and Procedures](#)
[Radiation Safety Section](#)
[Residential Construction](#)
[Strategic Plan and Initiatives](#)
[Take A Stand Day](#)
[Telephone, Mailing and Email Addresses](#)

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